From the INTERNATIONAL SEARCHING AUTHORITY

KONINKLIJKE PHILIPS ELECTRONICS N.V. Attn. Belk, Michael E.

PCT

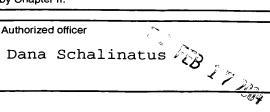
NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

P.O. Box 3001 Briarcliff Manor, NY 10510-8001 UNITED STATES OF AMERICA	(PCT Rule 44.1)					
	Date of mailing (day/month/year) 11/02/2004					
Applicant's or agent's file reference						
PHUS020423WO	FOR FURTHER ACTION See paragraphs 1 and 4 below					
International application No.	International filing date					
PCT/IB 03/04776	(day/month/year) 27/10/2003					
Applicant						
KONINKLIJKE PHILIPS ELECTRONICS N.V.						
The applicant is hereby notified that the International Search	n Report has been established and is transmitted berewith					
Filing of amendments and statement under Article 19:						
The applicant is entitled, if he so wishes, to amend the claim	ns of the International Application (see Rule 46):					
When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.						
Where? Directly to the International Bureau of WIPO	3 17					
34, chemin des Colombettes 1211 Geneva 20, Switzerland						
Fascimile No.: (41-22) 740.14.35	**************************************					
For more detailed instructions, see the notes on the accordance	mpanying sheet.					
2. The applicant is hereby notified that no International Search Article 17(2)(a) to that effect is transmitted herewith.	n Report will be established and that the declaratt்ள் under					
3. With regard to the protest against payment of (an) addition						
the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.						
no decision has been made yet on the protest; the app	licant will be notified as soon as a decision is made.					
4. Further action(s): The applicant is reminded of the following:						
Shortly after 18 months from the priority date, the international ap If the applicant wishes to avoid or postpone publication, a notice priority claim, must reach the International Bureau as provided in completion of the technical preparations for international publica	of withdrawal of the international application, or of the in Rules 90 <i>bis.</i> 1 and 90 <i>bis.</i> 3, respectively, before the					
Within 19 months from the priority date, a demand for international wishes to postpone the entry into the national phase until 30 mo	nths from the priority date (in some Offices even later).					
Within 20 months from the priority date, the applicant must perfor before all designated Offices which have not been elected in the priority date or could not be elected because they are not bound	e demand or in a later election within 19 months from the					

Name and mailing address of the International Searching Authority

European Patent Office, P.B. 5818 Patentlaan 2 Tel. (+31-70) 340-3016 Fax: (+31-70) 340-3016

Authorized officer





These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international pollication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been its filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]:
 "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]: "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
 "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international appplication is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

INTERNATIONAL SEARCH REPORT





A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/66 H03M13/25

/25 H04L27/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 HO4N HO3M HO4L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

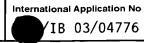
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 2002/186780 A1 (GU YOUNG MO ET AL) 12 December 2002 (2002-12-12) abstract; figure 11 page 1, paragraph 5 -page 2, paragraph 15 page 5, paragraph 55 -page 5, paragraph 60	1-20
X	"ATSC standard: Digital Television Standard, Revision B, with Amendment 1 ANNEX C: SERVICE MULTIPLEX AND TRANSPORT SYSTEM CHARACTERISTICS (NORMATIVE)" ATSC STANDARD, 7 August 2001 (2001-08-07), XP002220868 Retrieved from the Internet: <url:www.atsc.org standards=""></url:www.atsc.org>	1-6, 11-16
Α	'retrieved on 2002-11-14! page 50, line 1 -page 51, last line/	7–16

runner documents are instead in the continuation of box C.	Patent family members are listed in annex.			
° Special categories of cited documents :	*T* later document published after the international filing date			
"A" document defining the general state of the art which is not considered to be of particular relevance	or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
"E" earlier document but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to			
"L" document which may throw doubts on priority claim(s) or	involve an inventive step when the document is taken alone			
which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention			
O document referring to an oral disclosure, use, exhibition or other means	cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled			
"P" document published prior to the international filing date but	in the art.			
later than the priority date claimed	*8* document member of the same patent family			
Date of the actual completion of the international search	Date of mailing of the international search report			
21 January 2004	11/02/2004			
Name and mailing address of the ISA	Authorized officer			
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31~70) 340–2040, Tx. 31 651 epo nl, Fax: (+31~70) 340–3016	Schoeyer, M			

INTERNATIONAL SEARCH REPORT



	ntion) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
(US 2002/126222 A1 (GU YOUNG MO ET AL)	1-6,
	12 September 2002 (2002-09-12)	11-16
	page 1, paragraph 7 -page 2, paragraph 27;	7-10,
	figures 3,8	17-20
	WO 02 03678 A (HULYALKAR SAMIR N ;STROLLE	1-20
	CHRISTOPHER H (US); HAOSONG FU (US); SC)	- 25
	10 January 2002 (2002-01-10)	
	abstract	
	page 1, line 1 -page 3, last paragraph	
	page 5, paragraph 3 -page 5, last paragraph	
	•	
ļ		
Ì		
}		
1		
ĺ		

1

INTERNATIONAL SEARCH REPORT

mation on patent family members

International Application No
/IB 03/04776

Patent document cited in search report		Publication date		Patent family member(s)		Publication date	
US 2002186780	A1	12-12-2002	KR CN	2002094426 A 1391382 A	•	18-12-2002 15-01-2003	
US 2002126222	A1	12-09-2002	KR BR CA CN WO	2002062076 A 0109363 A 2403133 A 1418433 T 02058387 A	\ \ \11	25-07-2002 10-12-2002 25-07-2002 14-05-2003 25-07-2002	
WO 0203678	Α	10-01-2002	AU BR CA WO	7726201 A 0112062 A 2413229 A 0203678 A	\ \ \1	14-01-2002 13-05-2003 10-01-2002 10-01-2002	